

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/S74,551  
Source: #HWP  
Date Processed by STIC: 1/18/07

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 01/18/2007

PATENT APPLICATION: US/10/574,551

TIME: 16:49:12

Input Set : N:\efs\01\_18\_07\10574551\_efs\NEN-2260216SeqListing.txt

Output Set: N:\CRF4\01182007\J574551.raw

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3 <110> APPLICANT: Buzby, Philip
5 <120> TITLE OF INVENTION: COMPOSITIONS AND PROCESSES FOR GENOTYPING SINGLE NUCLEOTIDE
6   POLYMORPHISMS
8 <130> FILE REFERENCE: NEN-22602/16
10 <140> CURRENT APPLICATION NUMBER: US 10/574,551
11 <141> CURRENT FILING DATE: 2006-03-30
13 <150> PRIOR APPLICATION NUMBER: PCT/US04/32164
14 <151> PRIOR FILING DATE: 2004-09-30
16 <150> PRIOR APPLICATION NUMBER: US 60/481,443
17 <151> PRIOR FILING DATE: 2003-09-30
19 <160> NUMBER OF SEQ ID NOS: 64
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 21
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Synthetic Construct
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36 <211> LENGTH: 29
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Synthetic Construct
43 <400> SEQUENCE: 2
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47 <210> SEQ ID NO: 3
48 <211> LENGTH: 26
49 <212> TYPE: DNA
50 <213> ORGANISM: Artificial
52 <220> FEATURE:
53 <223> OTHER INFORMATION: Synthetic Construct
55 <400> SEQUENCE: 3
56 ttccatactg cagcagcaag tttaat                            26
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 29
61 <212> TYPE: DNA
62 <213> ORGANISM: Artificial
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Synthetic Construct
67 <400> SEQUENCE: 4

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68 gtcaaacaac aatcttttcc cttagagtt                29
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 17
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Synthetic Construct
79 <400> SEQUENCE: 5
80 tgtggccacc accttgc                            17
83 <210> SEQ ID NO: 6
84 <211> LENGTH: 22
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Synthetic Construct
91 <400> SEQUENCE: 6
92 ggccatctag tagctcctag gt                    22
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 26
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Synthetic Construct
103 <400> SEQUENCE: 7
104 tgggtccatta atttcaacag tgactc                26
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 38
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Synthetic Construct
115 <400> SEQUENCE: 8
116 attattcaca ttaaggtagt ataattcatt gttttctg    38
119 <210> SEQ ID NO: 9
120 <211> LENGTH: 21
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Synthetic Construct
127 <400> SEQUENCE: 9
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131 <210> SEQ ID NO: 10
132 <211> LENGTH: 24
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Synthetic Construct
139 <400> SEQUENCE: 10
140 tgatttttag tctcccctgg ttcc                24

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152 tccagaggggt ctcaaagcaa at                22
155 <210> SEQ ID NO: 12
156 <211> LENGTH: 25
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Synthetic Construct
163 <400> SEQUENCE: 12
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167 <210> SEQ ID NO: 13
168 <211> LENGTH: 26
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Synthetic Construct
175 <400> SEQUENCE: 13
176 agtgagaggg ttgtcaattt tagaga            26
179 <210> SEQ ID NO: 14
180 <211> LENGTH: 18
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Synthetic Construct
187 <400> SEQUENCE: 14
188 gctgctgtgc agaggggtg                    18
191 <210> SEQ ID NO: 15
192 <211> LENGTH: 33
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Synthetic Construct
199 <400> SEQUENCE: 15
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203 <210> SEQ ID NO: 16
204 <211> LENGTH: 28
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Synthetic Construct
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215 <210> SEQ ID NO: 17

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218 <213> ORGANISM: Artificial
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227 <210> SEQ ID NO: 18
228 <211> LENGTH: 25
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Synthetic Construct
235 <400> SEQUENCE: 18
236 gatgtgagtt tcttggtgat cagtg 25
239 <210> SEQ ID NO: 19
240 <211> LENGTH: 25
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Synthetic Construct
247 <400> SEQUENCE: 19
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251 <210> SEQ ID NO: 20
252 <211> LENGTH: 39
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Synthetic Construct
259 <400> SEQUENCE: 20
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263 <210> SEQ ID NO: 21
264 <211> LENGTH: 24
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Synthetic Construct
271 <400> SEQUENCE: 21
272 cgtggaagac atgtctctac tgat 24
275 <210> SEQ ID NO: 22
276 <211> LENGTH: 35
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Synthetic Construct
283 <400> SEQUENCE: 22
284 tttcattctc tgtttcttaa agaaaaaac agtta 35
287 <210> SEQ ID NO: 23
288 <211> LENGTH: 18

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289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Synthetic Construct
295 <400> SEQUENCE: 23
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299 <210> SEQ ID NO: 24
300 <211> LENGTH: 22
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Synthetic Construct
307 <400> SEQUENCE: 24
308 cctgttacca gtttaagggg ca 22
311 <210> SEQ ID NO: 25
312 <211> LENGTH: 16
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Synthetic Construct
319 <400> SEQUENCE: 25
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323 <210> SEQ ID NO: 26
324 <211> LENGTH: 23
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Synthetic Construct
331 <400> SEQUENCE: 26
332 ggagtgaaaa caagaaggga gga 23
335 <210> SEQ ID NO: 27
336 <211> LENGTH: 21
337 <212> TYPE: DNA
338 <213> ORGANISM: Artificial
340 <220> FEATURE:
341 <223> OTHER INFORMATION: Synthetic Construct
343 <400> SEQUENCE: 27
344 ggccatccct ggtcttctaa c 21
347 <210> SEQ ID NO: 28
348 <211> LENGTH: 26
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial
352 <220> FEATURE:
353 <223> OTHER INFORMATION: Synthetic Construct
355 <400> SEQUENCE: 28
356 gtaccagaag ataggaaaag agggaa 26
359 <210> SEQ ID NO: 29
360 <211> LENGTH: 22
361 <212> TYPE: DNA

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## RAW SEQUENCE LISTING ERROR SUMMARY

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27

Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51

Seq#:52,53,54,55,56,57,58,59,60,61,62,63,64

**VERIFICATION SUMMARY**

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